



Florida TD Conference

Evolving with the Changing Environment

Senior Transportation: Developing a Dementia Friendly Transportation System

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Transportation Continuum

- **Driving Wellness**
 - Safe roads
 - Safe vehicles
 - Safe drivers
- **Education**
- **Driver Skill Assessment**
- **Transition**
 - Public Transportation
 - Volunteer Driver Programs
 - Assisted/Escorted Trips



Changes As We Age

- **Normal age related:**
 - **Vision**
 - **Information processing**
 - **Physical**



- **Medical conditions:**
 - **Acute**
 - **Chronic**
 - **Memory Loss**

We Know...

- **Mobility is key to our lifestyle**
- **Safe driving is a functional ability**
- **Risk of injury from crash increases at age 70**
 - **Fatal injury risk increases at age 75**
 - **17% of US fatalities were people 65+**
- **Most older drivers self limit effectively as changes occur**
- **More will outlive ability to drive safely**
- **Sources: NHTSA; IIHS**

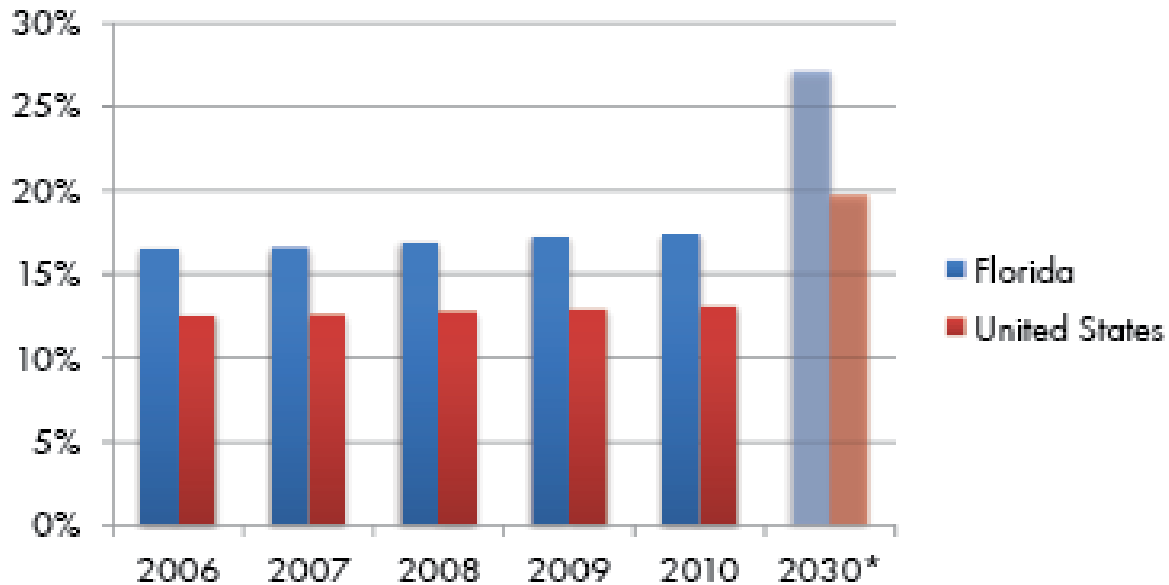


Florida's Demographics 2013

- **60+ =**
 - **(4.656 M) 24.3%**
 - **27.5% of licensed drivers**
- **1.075 M live alone**
- **65+ = 18.1%**
- **85+ = 2.5 %**
- **423,351 probable dementia (2013)**
- **Alzheimer's is 7th leading cause of death (2013)**

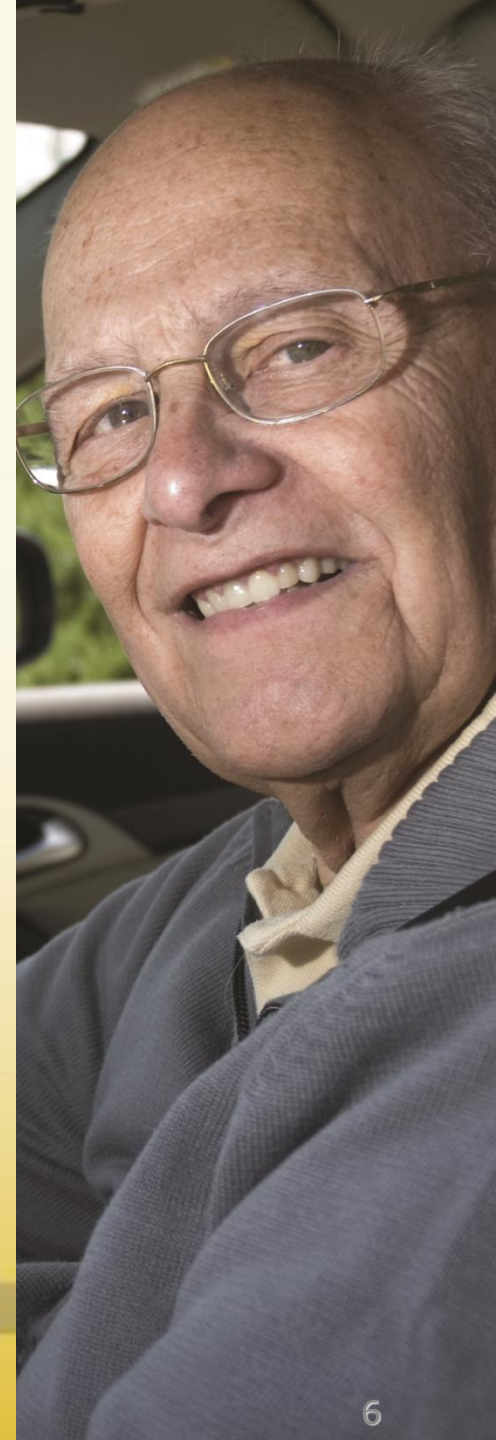
Trends and Projections

Percentage of Population 65 and Older



Source: U.S. Census Bureau

* estimate



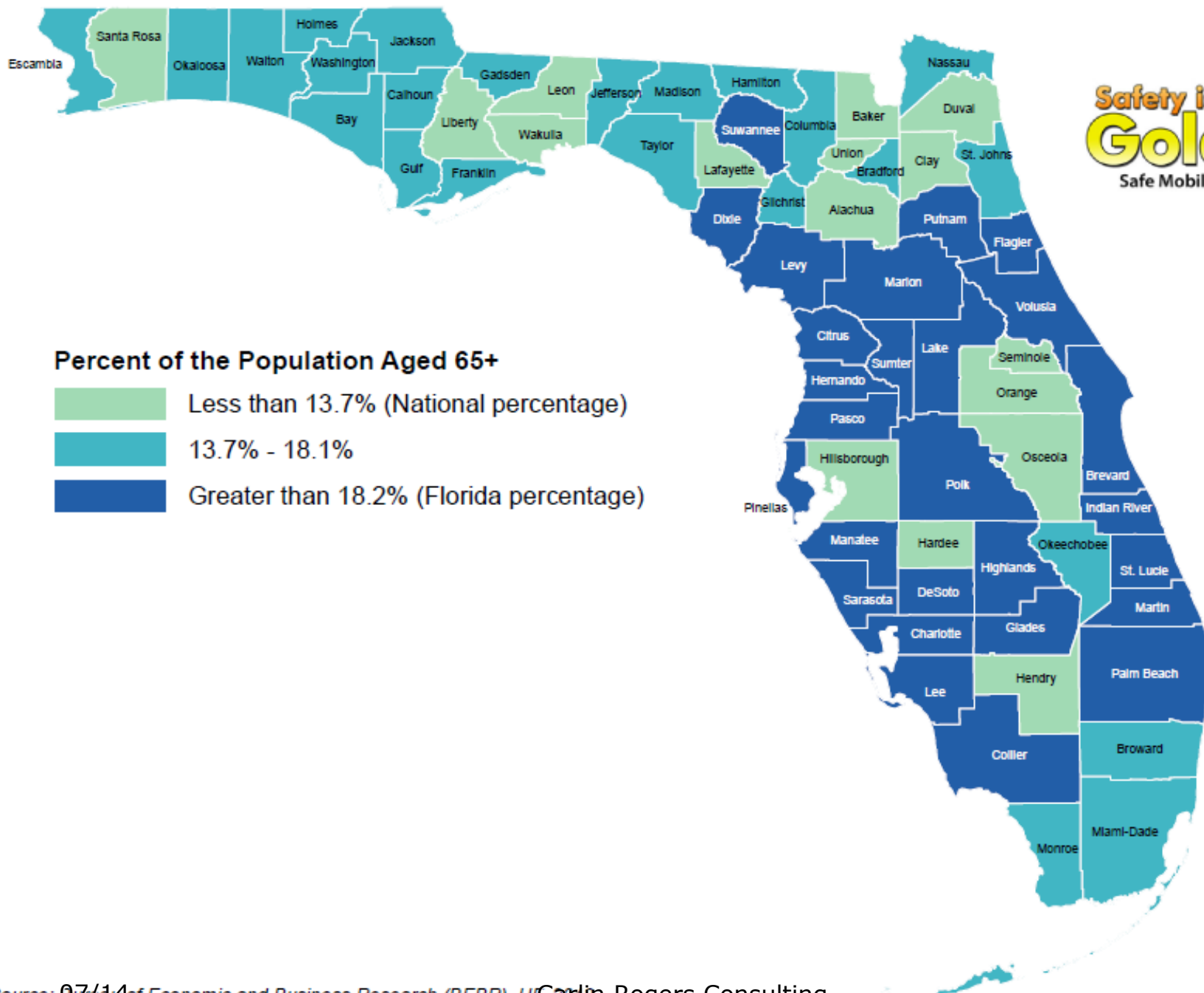
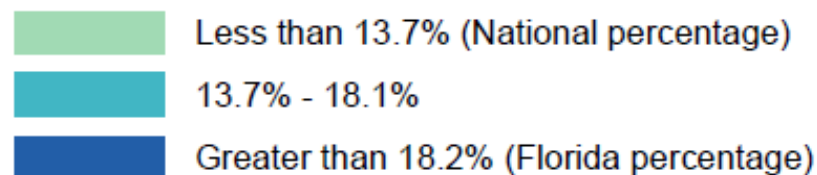
State Population Projections (65+)

2000 State	2000 Percent	2000 Rank	2010 State	2010 Percent	2010 Rank	2030 State	2030 Percent	2030 Rank
U.S.	12.4	N/A	U.S.	13.0	N/A	U.S.	19.7	N/A
Florida	17.6	1	Florida	17.8	1	Florida	27.1	1
Penn.	15.6	2	West Virginia	16.0	2	Maine	26.5	2
West Virginia	15.3	3	Maine	15.6	3	Wyoming	26.5	3
Iowa	14.9	4	Penn.	15.5	4	New Mexico	26.4	4
North Dakota	14.7	5	North Dakota	15.3	5	Montana	25.8	5
Source: U.S. Census Bureau								

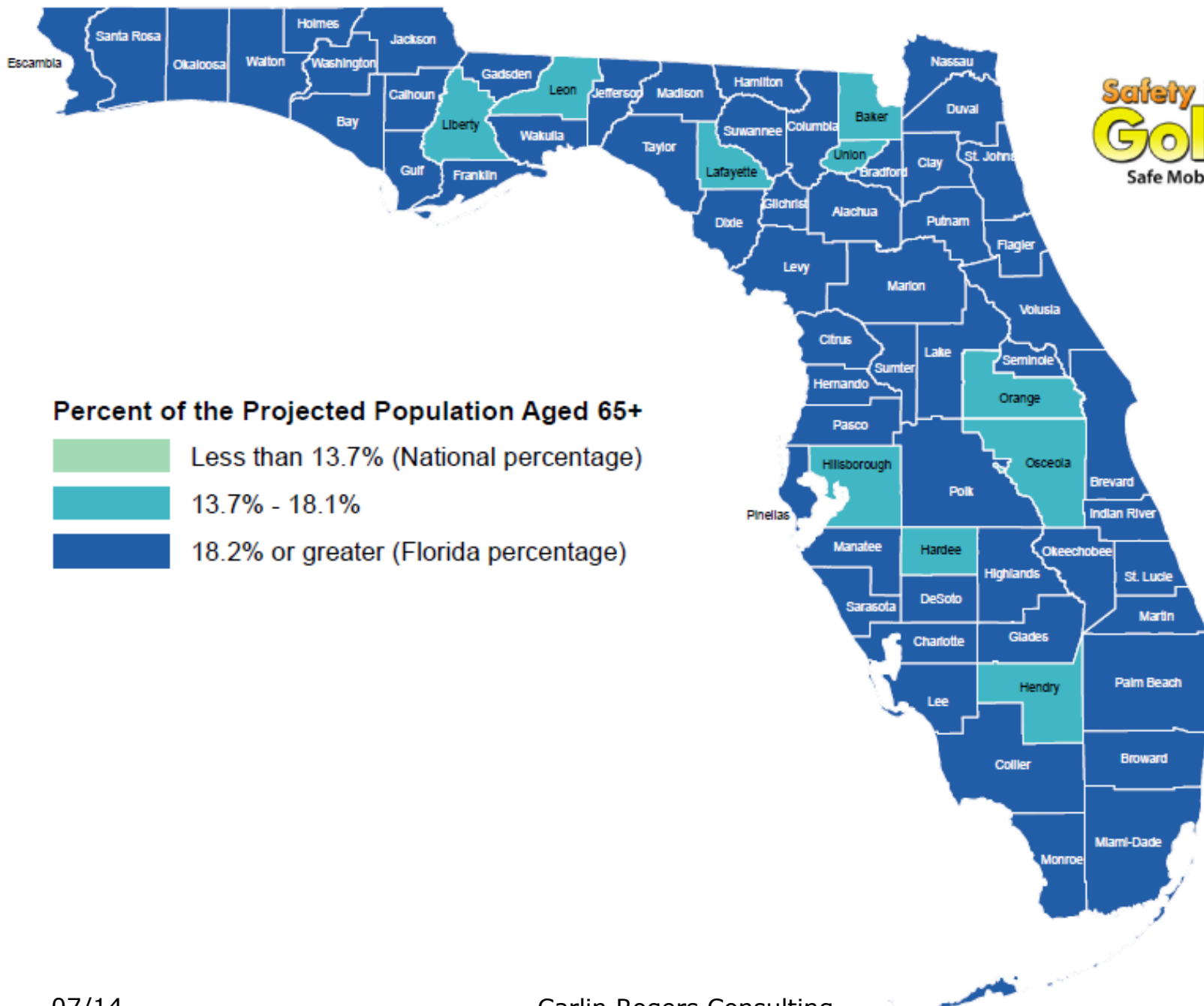
Florida's Aging Road Users (65+), 2012



Percent of the Population Aged 65+



Florida's Aging Road Users (65+), 2030





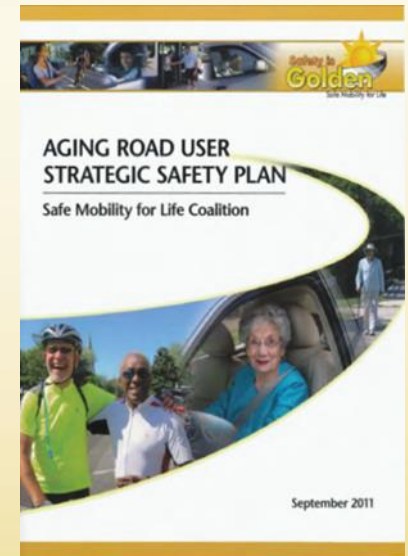
Florida is Preparing



- **Strategic Highway Safety Plan**
 - Vulnerable road users
- **Safe Mobility for Life Coalition**
 - 10 strategic emphasis areas

www.safeandmobileseniors.org

www.flams.org



Florida's Aging Road User Strategic Safety Plan

- **Goal:** Reduce fatalities, injuries and crashes by improving the safety, access, and mobility of aging road users
- Comprehensive plan that addresses both safety and mobility issues
- Aligns with the 2060 Florida Transportation Plan
- Ties into Florida's Strategic Highway Safety Plan



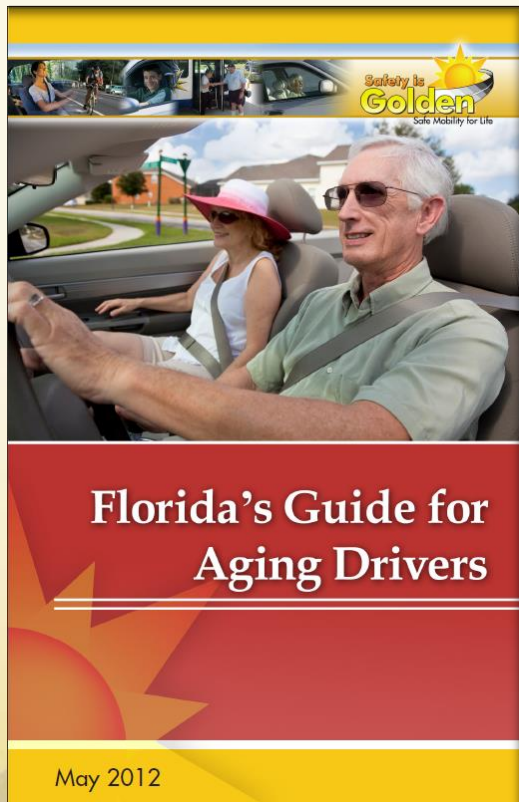
Florida's Approach



- **Balance safety and mobility needs of aging Floridians**
- **Develop programs and resources for all stakeholders**
- **Promote a positive, consistent approach to a broad issue**
- **Change how agencies and organizations work together to address challenges and develop resources**

We Provide Direct Access to Resources for All Stakeholders

Print

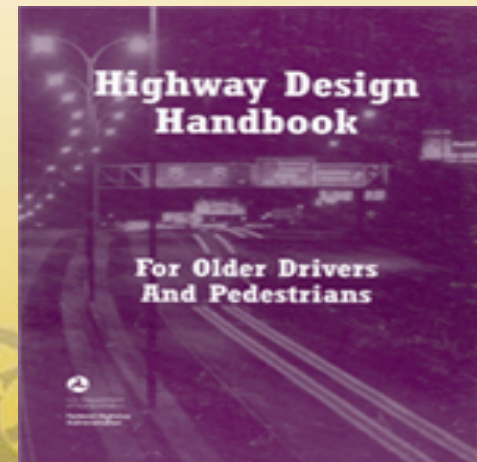


On-line



Safe Roadways

- **Practical guidance for engineers**
 - **Intersection design**
 - **Interchanges**
- **Lighting**
- **Lane Markings**
- **Signalization**
- **Signage**



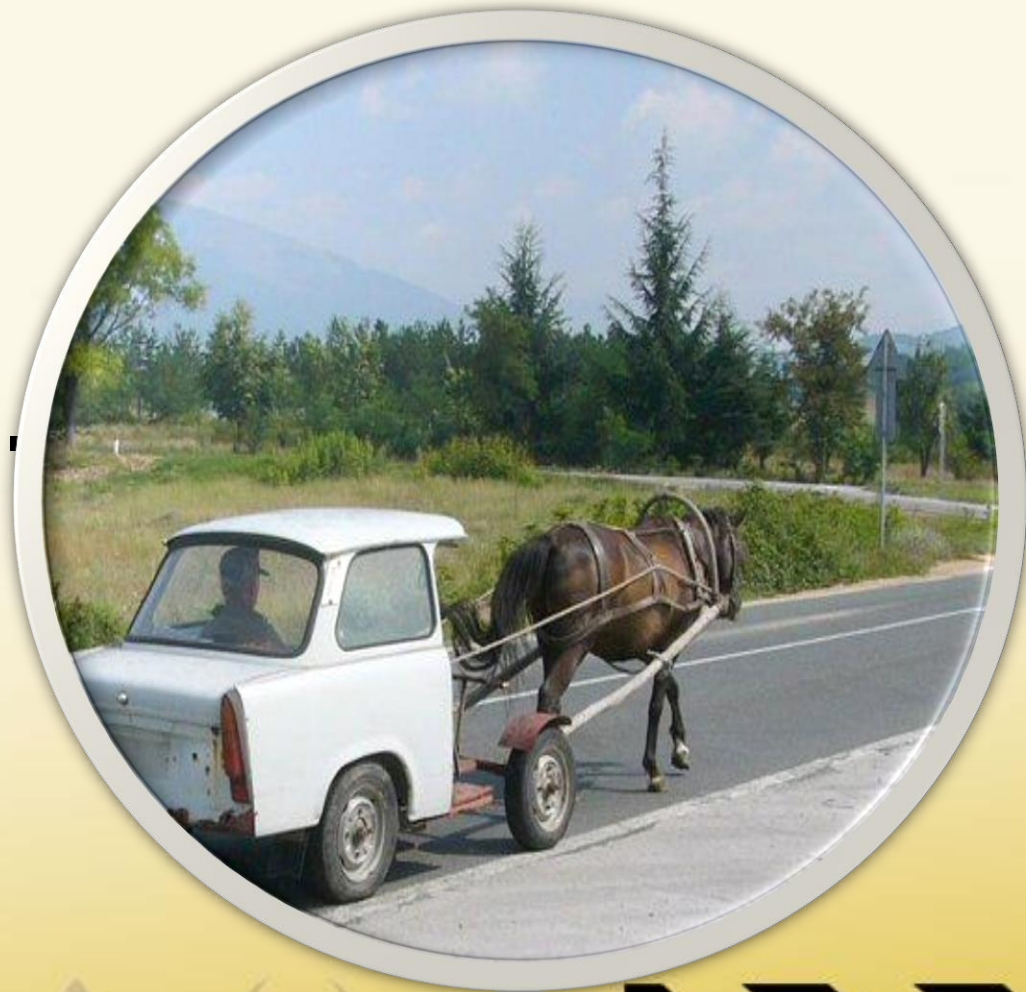
- **Education activity**
 - **Comfort & safety in your vehicle**
 - **Recommendations...**
- **NOT driver skill evaluation**



Transitioning from Driving

**Most older adults
modify driving
behavior
voluntarily, but.....**

- **Some not soon enough**
- **Some too soon**
- **Some in the wrong way...**



SLIPPERY
CALL 899



Silver Alert in Florida

- **Implemented 10/08**
 - Criteria based
 - Standardized training
- **Cases to Date:**
 - **832 activations**
- **76% men**
- **Recovery:**
 - Same county: 44%
 - Different county: 48%
 - Out of state: 8%
- **Key role for law enforcement & community partners**

Range	%
50-59	1%
60-69	7%
70-79	34%
80-89	52%
90-99	7%

Dementia

- **NOT a normal part of aging**
- **After age 65, risk doubles every five years** (NIA)
- **At 85+, risk is almost 50%** (Alz Assn)
- **Alzheimer's is most frequent type: 60% of all dementias in persons 65+**

Dementia

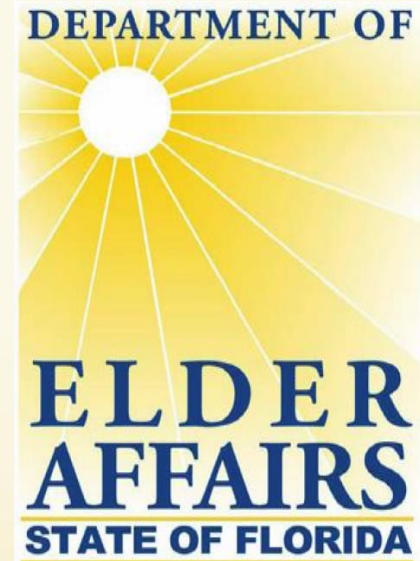
- **Progressive dementia is:**
 - **Gradual**
 - **Variable**
 - **Unpredictable**
- **Demonstrates loss of insight**
 - **Changes are occurring**
 - **Underestimates complexity**
 - **Overestimates abilities**



Florida Dementia Friendly Transportation Research Project

- **Statewide survey of transit providers & aging network**
- **Best practices**
- **Development of tip sheets**
 - Paid & volunteer driver programs
 - Family members
- **Establishment of definition of “Dementia Friendly Transportation”**

2008



Dementia Friendly Transportation

“Going beyond senior friendliness, a transportation service that considers the special needs of passengers with all stages of memory loss”



2010 Project Overview

- **Research forums:**
 - **4 communities**
 - Urban/ suburban/rural
 - Hispanic family group
 - **Professionals**
 - **Family/friends**
 - **Vetting of new resource tools**
- **Literature review**
- **Best practices**





5 A s for Senior Transportation

- ***Availability***
- ***Accessibility***
- ***Acceptability***
- ***Affordability***
- ***Adaptability***



Source: Beverly Foundation Legacy Series



Tip Sheets: Useful Tools

- **What Is Dementia Anyway?**
- **Definition of Dementia Friendliness**
- **Tips for Helping with Travel Situations**
- **Tips for Drivers of Passengers with Memory Loss**
- **Challenges & Scenarios**



Summary of 2010 Project Findings

- **Families & professionals struggle with the issue**
- **Tip sheets** supported as useful tools
- **Divergent viewpoints among professionals & family members**
- **Particular concern for seniors living alone**



Recommendations

- Increase **visibility** of dementia friendly transportation with providers & customers
- Develop service standards
- Provide **access to tools** & resources
- Develop training programs for providers
- Pay particular attention to clients living alone

Presenter Information



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